

# Abdinahmen Ahmed

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github.com | linkedin.com | portfolio

## Education

### University of Minnesota

Bachelor of Science in Computer Science; GPA: 3.6

2020 - 2024  
Minneapolis, MN

Relevant Coursework: Distributed Systems, Algorithms, Software Design, Operating Systems

## Technical Skills

**Languages:** Java, Kotlin, Python, TypeScript, SQL  
**Frameworks/Tools:** Spring Boot, Angular, Docker, MapStruct, JPA/Hibernate  
**Databases:** PostgreSQL, MySQL  
**Concepts:** REST APIs, Microservices, Authentication, Distributed Systems

## Backend Projects

### SkillSwap – Final Project

2025

**Tech Stack:** Java, Spring Boot, Angular, PostgreSQL

**Highlights:** Built REST API for user registration, authentication, and skill exchange. Integrated MapStruct for DTOs and used Lombok for boilerplate removal.

### Twitter Clone API (Cook Systems)

2025

**Tech Stack:** Java, Spring Boot, PostgreSQL

**Highlights:** Built backend for tweets, likes, mentions, and hashtags. Handled many-to-many relationships and efficient querying via JPA.

### Quiz API

2025

**Tech Stack:** Java, Spring Boot

**Highlights:** Developed quiz service with layered architecture, custom exceptions, and validation logic.

## Training and Certifications

### Cook Systems FastTrack'd

Full-stack training in Spring Boot + Angular; Agile, Clean Code, API Design

2025  
Remote

### CodePath Intermediate Interview Prep

System design, LeetCode practice, backend infrastructure concepts

2024  
Remote

## Professional Experience

### Amazon – Transportation Associate

Minneapolis, MN

Dec 2021 – Present

**Leadership:** Trained new associates, managed incident response, and coordinated transportation activities to maintain operational efficiency.

**Communication:** Collaborated cross-functionally to manage schedules and ensure safe yard operations.

## Additional Highlights

- Built a COVID-19 Data Tracker showing global impact using Python + Pandas.
- Created Drone Delivery Simulator optimizing energy usage and routing.
- Strong understanding of backend reliability, clean coding, and distributed architecture.